



The Timken Company

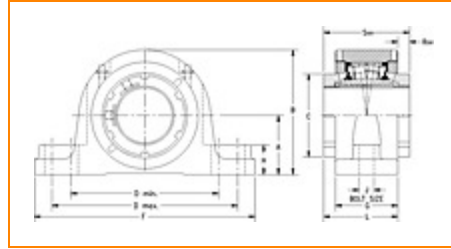
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Part Number QVVPL16V300S, Double V-Lock Two-Bolt Pillow Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22216

Shaft Size 3 in

Shaft Size Type Imperial

Full Timken Part Number

- QVVPL16V300SB
- QVVPL16V300SC
- QVVPL16V300SEB
- QVVPL16V300SEC
- QVVPL16V300SEM
- QVVPL16V300SEN
- QVVPL16V300SEO
- QVVPL16V300SET
- QVVPL16V300SM
- QVVPL16V300SN
- QVVPL16V300SO
- QVVPL16V300ST



Locking Style	Double V-Lock
Housing Construction	Two-Bolt Pillow Block
UPC Code	0883450172318 0883450172509 0883450172691 0883450173070 0883450173261 0883450173452 0883450203081 0883450203463 0883450215503 0883450215886 0883450227926 0883450228305

Dimensions

Dimension A	3.25 in 82.6 mm
Dimension B	6.59 in 167.4 mm
Dimension C	4.19 in 106.4 mm
Dimension D Min	7.7 in 195.6 mm
Dimension D Max	8.4 in 213.4 mm
Dimension F	10.44 in 265.2 mm
Dimension G	3 in 76.2 mm
Dimension H	1.38 in 35.1 mm

Dimension J (Bolt Size)	0.75 in 20 mm
Dimension L	3.59 in 91.2 mm
Dimension RVV	0.59 in 15 mm
Dimension SVV	4.18 in 106.2 mm

Radial and Thrust Factors

C0 - Static Load	62500 lbf 278000 N
C - Dynamic Load (Basic)	57200 lbf 254000 N
e - Geometry Factor	0.22
Y1 - Geometry Factor	3.14
Y2 - Geometry Factor	4.67

Engineering Seal Speed

Oil Lubrication - M/N Seal	1500 rpm
Oil Lubrication - T Seal	2650 rpm
Oil Lubrication - B/C/O Seal	1200 rpm
Grease Lubrication - M/N Seal	1500 rpm
Grease Lubrication - T Seal	2200 rpm
Grease Lubrication - B/C/O Seal	1150 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
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Shaft Tolerance	0.0020 in 0.051 mm
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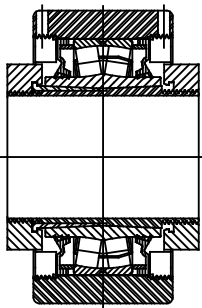
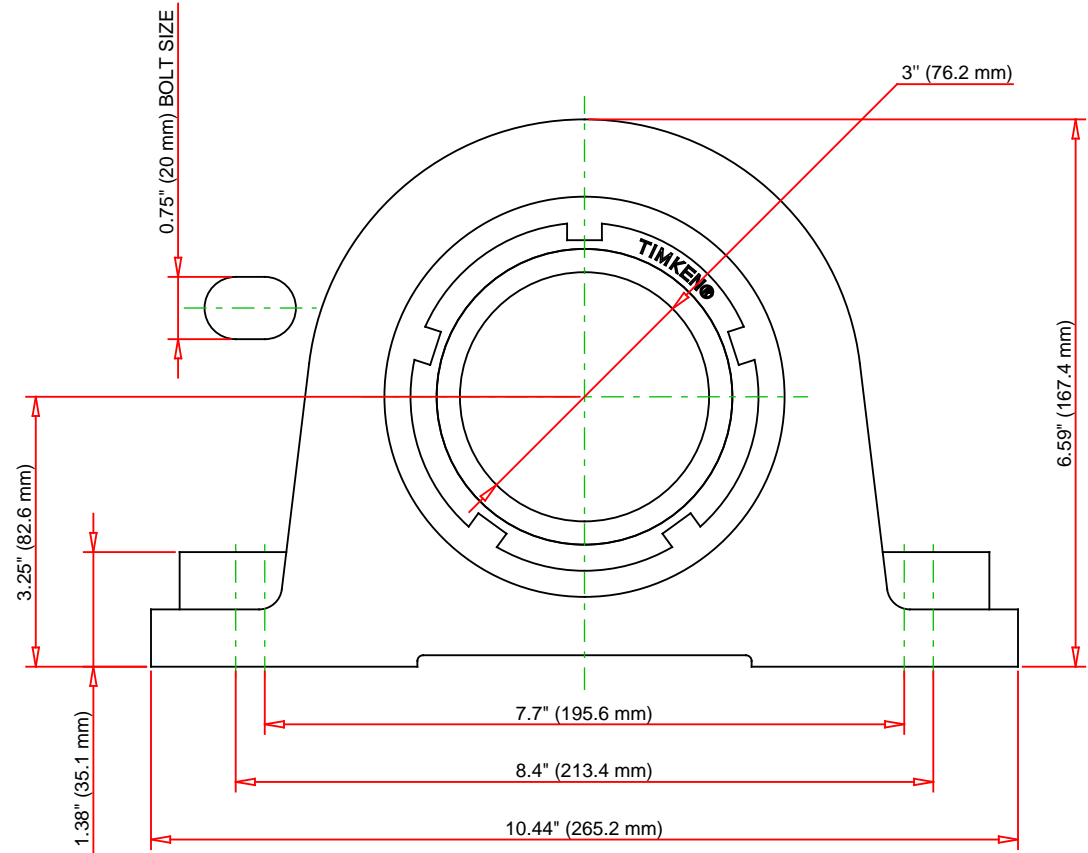
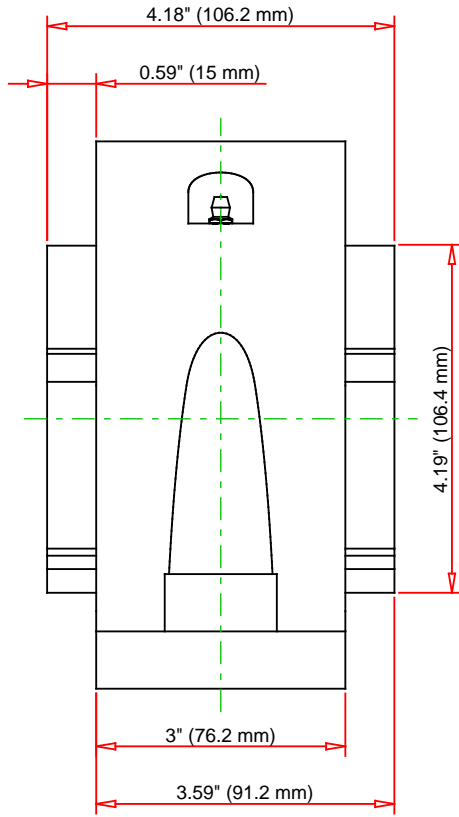
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0037
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Eng Internal Radial Clearance - Max	0.0047
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Pre Install Clearance Min	0.0037 in 0.095 mm
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Pre Install Clearance Max	0.0047 in 0.120 mm
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Note: Section View not to Scale

C - Dynamic Load	57200	lbf	254000	N
C0 - Static Load	62500	lbf	278000	N
Weight	28	lb	12.7	kg
Max. Speed T-Seals & Grease	2200	rpm		
Rad. Clearance - Max.	0.0047			

TIMKEN

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NORTH CANTON, OHIO USA

QVVPL16V300S
Double V-Lock Two-Bolt Pillow Block

Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason.

FOR DISCUSSION ONLY